THE FOOTPRINT COMPANY

USER GUIDE
Base Building
Footprint Calculator

VERSION 2: MARCH 2012

BUILDING SOLUTIONS FOR ONE PLANET

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Phone: +61 (0)2 8020 0786 **Email:** help@footprintcompany.com.au **www.footprintcompany.com.au**

TABLE OF CONTENTS

1 DOCUMENT INFORMATION 3

1.1 Purpose of this document 3

1.2 How to use this document 3

1.3 Disclaimer 3

2 ACCESSING THE CALCULATOR 4

2.1 Logging in 4

2.2 The login page 5

2.3 Forgotten or lost your password 6

2.4 Locked out of the system 6

3 USING THE CALCULATOR 7

3.1 After logging in 7

3.2 Creating a new submission 8

3.3 Inside the calculator 9

3.4 Saving your assessment 10

3.5 Submitting your assessment 10

3.6 Manage existing submissions 11

3.7 Questions in the calculator requiring a % value 12

3.8 Questions in the calculator requiring a '0' value 12

4 REPORTS 13

4.1 Creating reports 13

4.2 Detailed Eco-Footprint Report 13

4.3 Eco-Footprint Graph Report 13

4.4 Printing reports 15

4.5 View a report 16

4.6 Comparing results 17

5 CHANGE YOUR PASSWORD 19

5.1 'Change password' link 19

6 LIBRARY RESOURCES 20

6.1 Find a document in the Library 20

7 USER GUIDES & STANDARDS 21

8 CASE STUDY DESIGN TIPS 21

9 SEARCHING THE SITE 22

1 DOCUMENT INFORMATION

1.1 Purpose of this document

The purpose of this document is to provide Users of The Footprint Company Footprint Calculators with general instructions and guidelines on how to use the system.

1.2 How to use this document

This document is not meant to be read from cover to cover but rather to serve as a reference for using the Base Building Footprint Calculators.

The most effective way to use this document is to search for the task you are trying to complete in the **Table of Contents**, and then refer to the instructions for that task whilst using The Footprint Company Footprint Calculators.

If the task you wish to complete does not appear in the Table of Contents please contact The Footprint Company for assistance:

help@footprintcalculator.com.au

1.3 Disclaimer

The results shown by the calculator are an approximate guide and should only be used for the purpose of reporting compliance with environmentally sustainable initiatives. The calculator should be used as a guide and not as a substitute for formal professional advice. The Footprint Company makes no representation as to the truth or accuracy of the results shown by the calculator. The formulae used within this calculator may change without notice.

2 ACCESSING THE CALCULATOR

2.1 Logging in

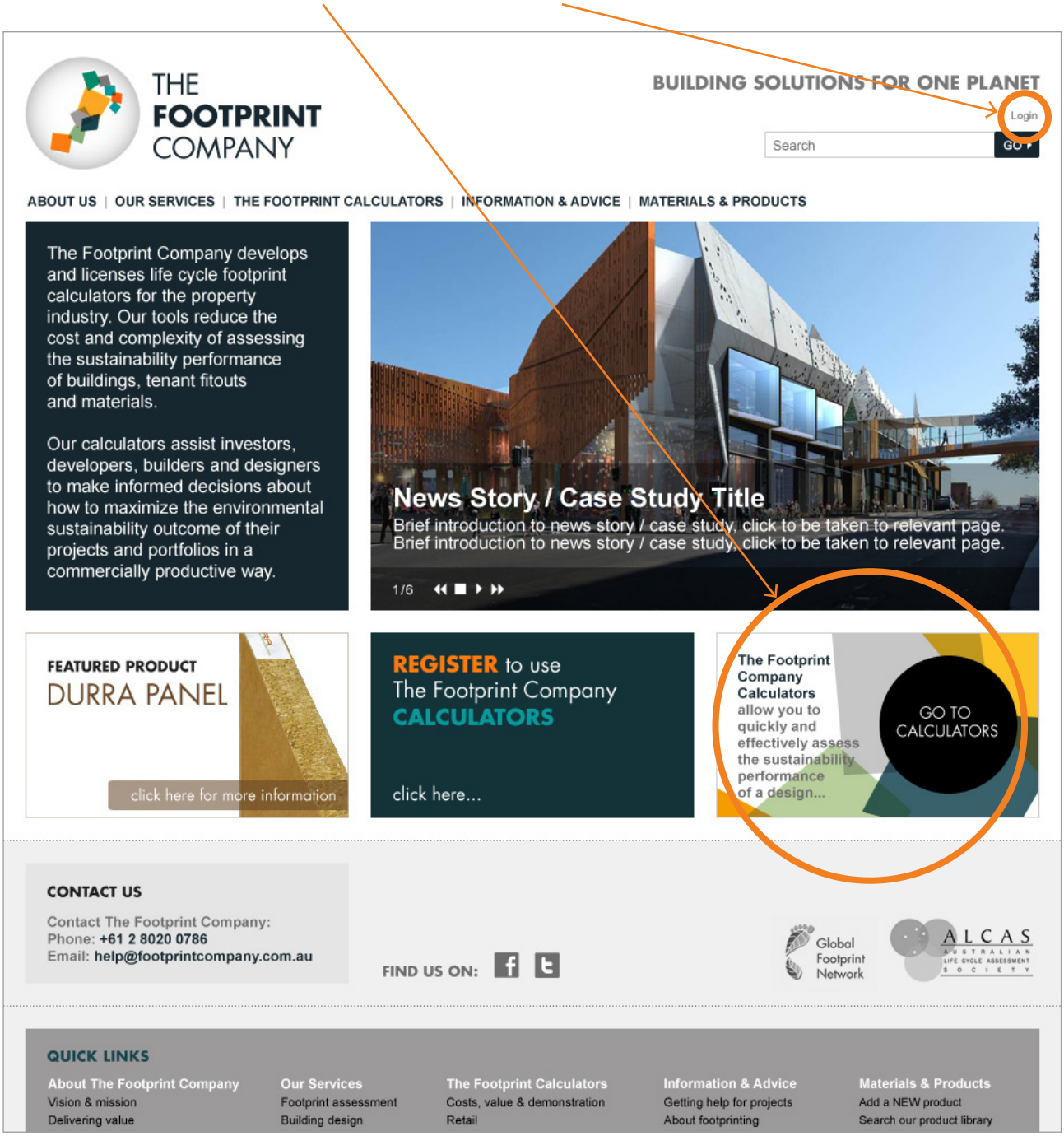
To login you will need a username and password. This will be sent to an email address nominated by you once you are registered as a User.

Once you have a username and password go to the website and enter in your username and password.

Visit the site at www.footprintcompany.com.au

On The Footprint Company website homepage (see screen shot below) you will see a number of options to take you to the calculators. To access all features of the calculator site **you must be logged in**. Hence it is recommended that you login first before continuing.

To log in, click the 'Go to Calculators' button, or the 'Login' link.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GO
ABOUT US | OUR SERVICES | THE FOOTPRINT CALCULATORS | INFORMATION & ADVICE | MATERIALS & PRODUCTS
The Footprint Company develops and licenses life cycle footprint calculators for the property industry. Our tools reduce the cost and complexity of assessing the sustainability performance of buildings, tenant fitouts and materials.
Our calculators assist investors, developers, builders and designers to make informed decisions about how to maximize the environmental sustainability outcome of their projects and portfolios in a commercially productive way.
News Story / Case Study Title
Brief introduction to news story / case study, click to be taken to relevant page.
Brief introduction to news story / case study, click to be taken to relevant page.
1/6
FEATURED PRODUCT
DURRA PANEL
click here for more information
REGISTER to use
The Footprint Company
CALCULATORS
click here...
The Footprint Company Calculators allow you to quickly and effectively assess the sustainability performance of a design...
GO TO CALCULATORS
CONTACT US
Contact The Footprint Company:
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Email: help@footprintcompany.com.au
FIND US ON:
Global Footprint Network
ALCAS
QUICK LINKS
About The Footprint Company
Vision & mission
Delivering value
Our Services
Footprint assessment
Building design
The Footprint Calculators
Costs, value & demonstration
Retail
Information & Advice
Getting help for projects
About footprinting
Materials & Products
Add a NEW product
Search our product library

2.2 The login page

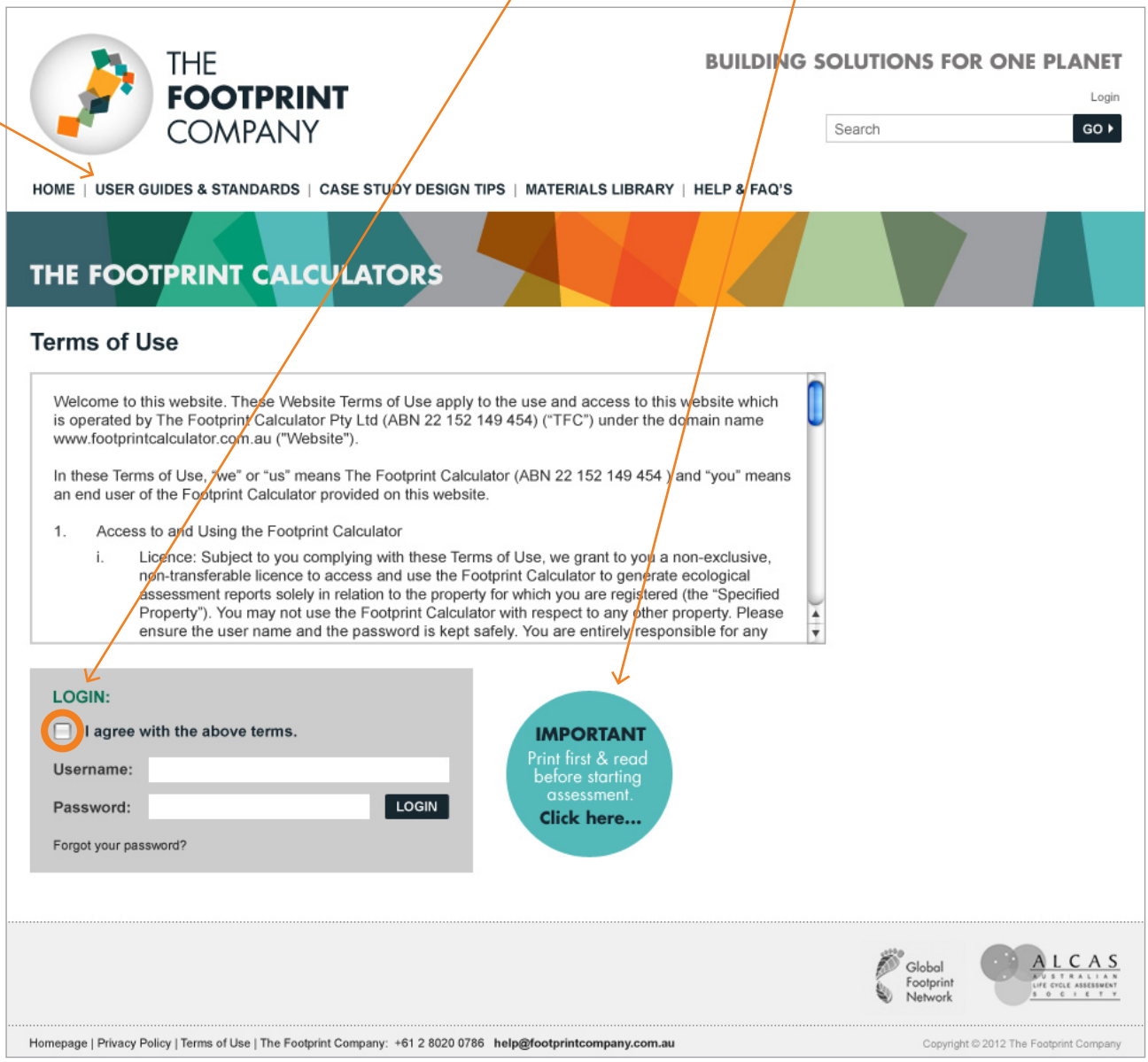
If it is your **first use of the calculator**, ensure you open and print the **Input Information Guide** *before* you commence an assessment.

The guide describes the information you will need at hand to complete your assessment in a timely fashion.

It is also worthwhile downloading the 'Footprint Results Comparison Template' Excel spreadsheet from the 'USER GUIDES & STANDARDS' section of the site – ('Save As' your project name). This is a resource you can use to chart and analyse multiple versions of the same project. The spreadsheet contains 'dummy' data which you can replace and change as you require.

Once you have the necessary resources, proceed to the 'Login' process:

- Read the 'Terms of Use' and then check the checkbox marked 'I agree with the above terms' to be able to log in.
- Enter your username and password
- Click 'LOGIN'.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HOME | USER GUIDES & STANDARDS | CASE STUDY DESIGN TIPS | MATERIALS LIBRARY | HELP & FAQ'S
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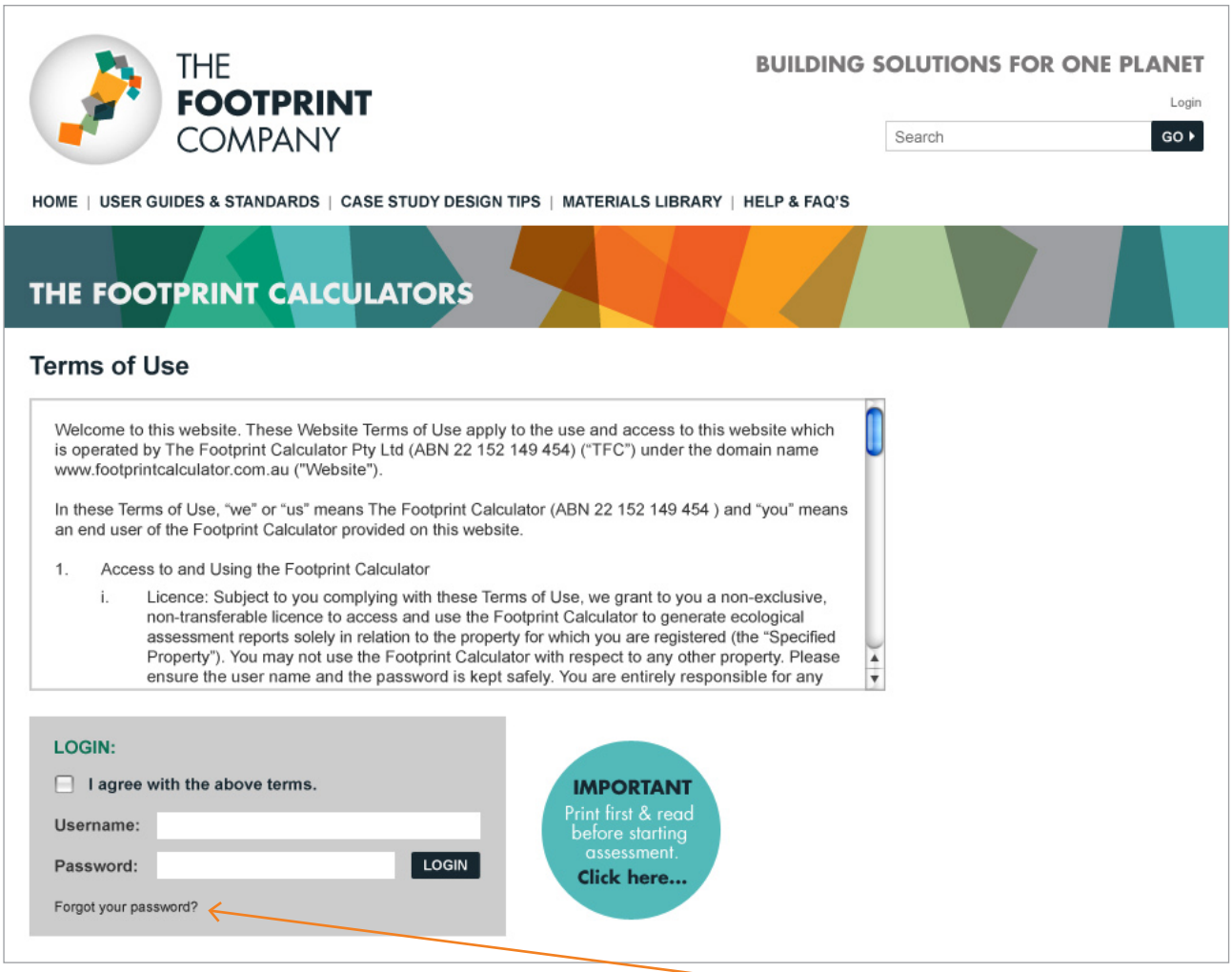
Welcome to this website. These Website Terms of Use apply to the use and access to this website which is operated by The Footprint Calculator Pty Ltd (ABN 22 152 149 454) ("TFC") under the domain name www.footprintcalculator.com.au ("Website").
In these Terms of Use, "we" or "us" means The Footprint Calculator (ABN 22 152 149 454) and "you" means an end user of the Footprint Calculator provided on this website.
1. Access to and Using the Footprint Calculator
i. Licence: Subject to you complying with these Terms of Use, we grant to you a non-exclusive, non-transferable licence to access and use the Footprint Calculator to generate ecological assessment reports solely in relation to the property for which you are registered (the "Specified Property"). You may not use the Footprint Calculator with respect to any other property. Please ensure the user name and the password is kept safely. You are entirely responsible for any
LOGIN:
I agree with the above terms.
Username:
Password:
LOGIN
Forgot your password?
IMPORTANT
Print first & read before starting assessment.
Click here...
Global Footprint Network
ALCAS
Homepage | Privacy Policy | Terms of Use | The Footprint Company: +61 2 8020 0786 help@footprintcompany.com.au
Copyright © 2012 The Footprint Company

2.3 Forgotten or lost your password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THE FOOTPRINT CALCULATORS
Terms of Use
Welcome to this website. These Website Terms of Use apply to the use and access to this website which is operated by The Footprint Calculator Pty Ltd (ABN 22 152 149 454) ("TFC") under the domain name www.footprintcalculator.com.au ("Website").
In these Terms of Use, "we" or "us" means The Footprint Calculator (ABN 22 152 149 454) and "you" means an end user of the Footprint Calculator provided on this website.
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LOGIN:
I agree with the above terms.
Username:
Password:
LOGIN
Forgot your password?
IMPORTANT
Print first & read before starting assessment.
Click here...

If you have forgotten or lost your password or your login details, click the 'Forgot your password?' link.

Then on the Password reminder page, enter your username (this is your first name and last name) and submit. You will soon receive an email with your new password.

2.4 Locked out of the system

If you have been locked out after trying more than three times to log in you will need to contact The Footprint Company helpdesk to reset your access:

email: help@footprintcompany.com.au

call: +61 2 8020 0786 (8.30am – 5.00pm EST, Monday – Friday).

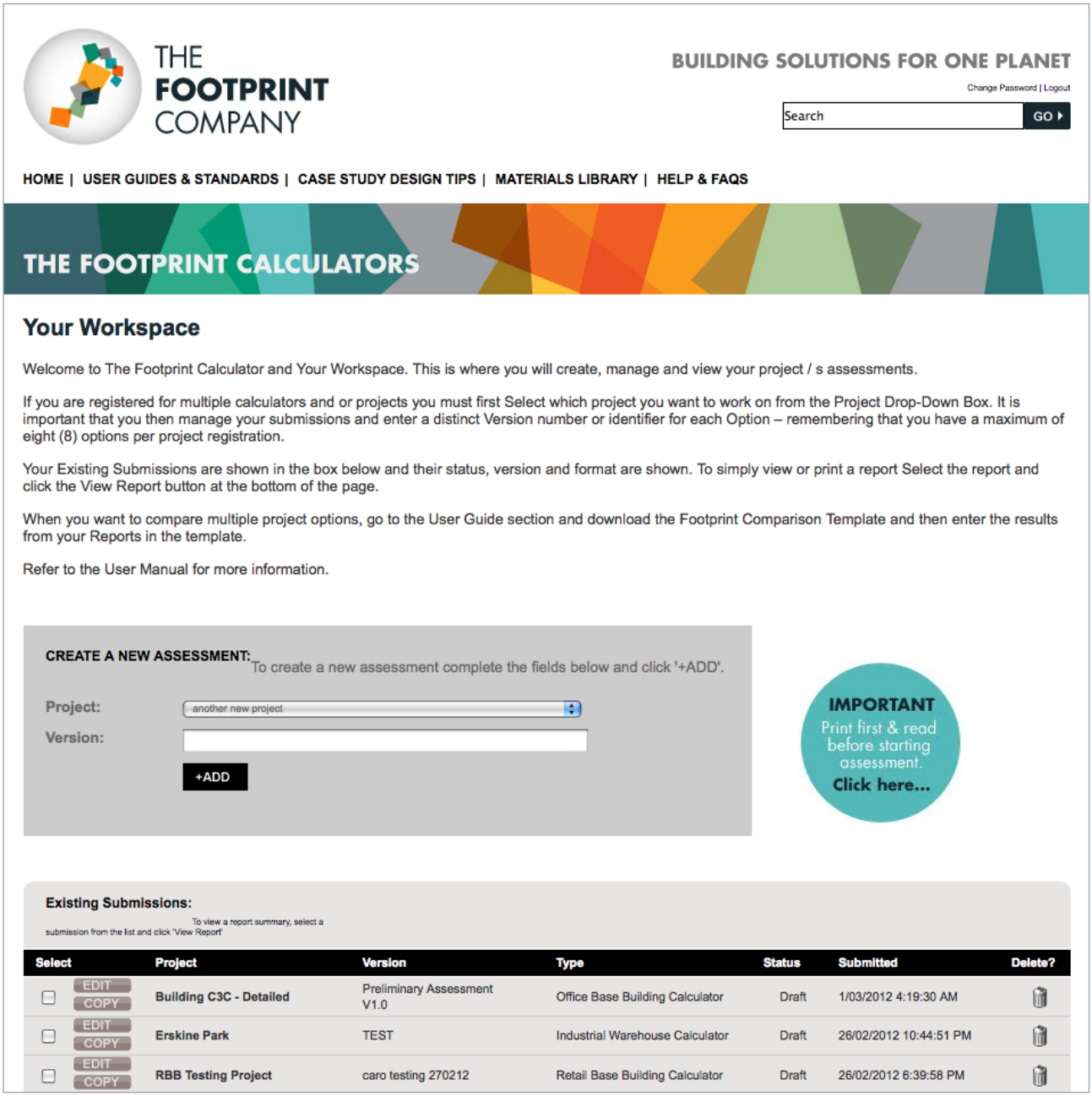
3 USING THE CALCULATOR

3.1 After logging in

Once logged into the calculator, you will be able to:

- Create new submissions
- Manage your existing submissions
- Change your password
- Access any standards and guides
- Browse the document library for tips and information
- View reports.

Below: The 'Your Workspace' page where you can access existing assessments/submissions (view assessment details, edit and copy assessments, and view reports) and create new assessments.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Change Password | Logout
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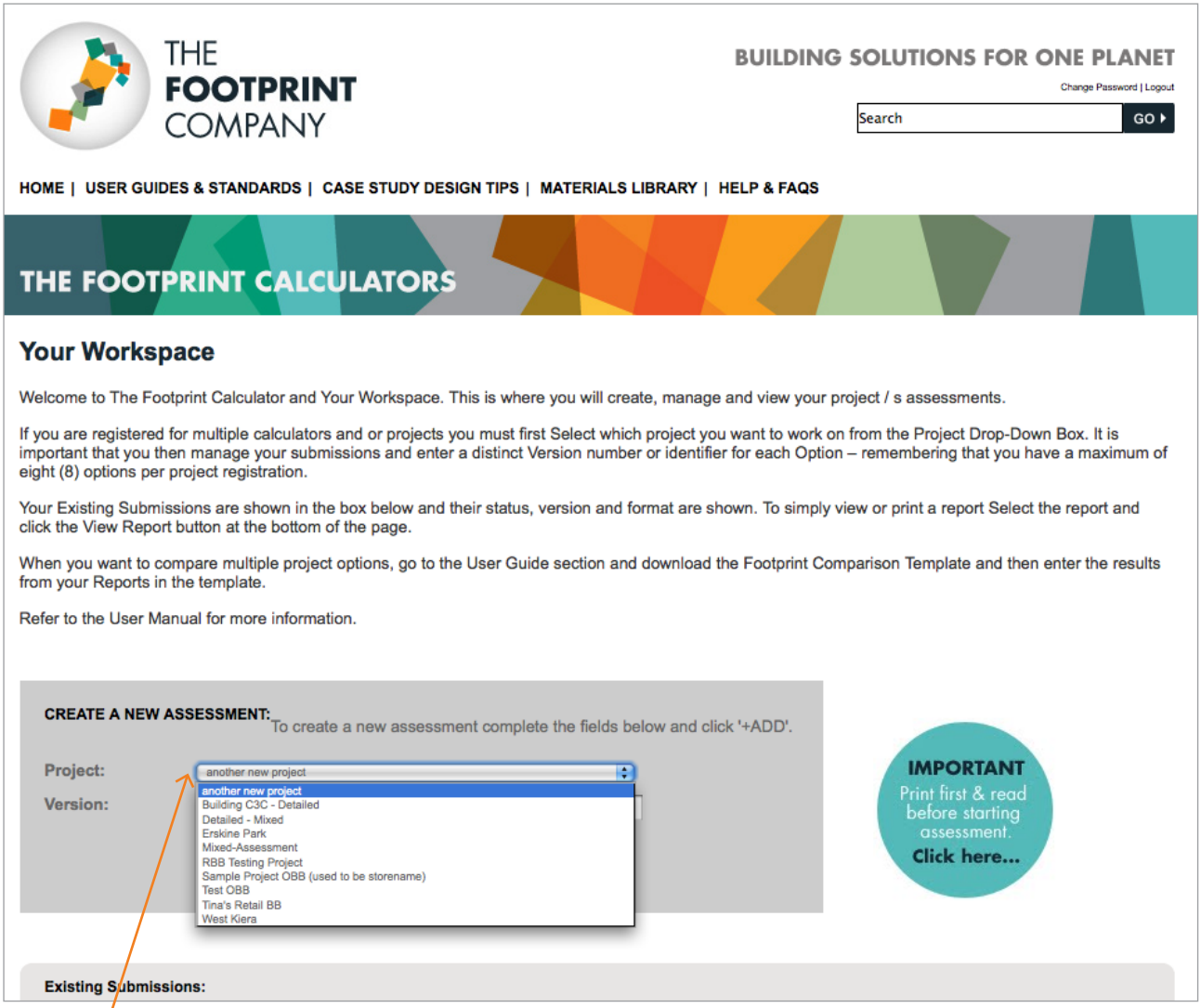
HOME | USER GUIDES & STANDARDS | CASE STUDY DESIGN TIPS | MATERIALS LIBRARY | HELP & FAQS
THE FOOTPRINT CALCULATORS
Your Workspace
Welcome to The Footprint Calculator and Your Workspace. This is where you will create, manage and view your project / s assessments.
If you are registered for multiple calculators and or projects you must first Select which project you want to work on from the Project Drop-Down Box. It is important that you then manage your submissions and enter a distinct Version number or identifier for each Option – remembering that you have a maximum of eight (8) options per project registration.
Your Existing Submissions are shown in the box below and their status, version and format are shown. To simply view or print a report Select the report and click the View Report button at the bottom of the page.
When you want to compare multiple project options, go to the User Guide section and download the Footprint Comparison Template and then enter the results from your Reports in the template.
Refer to the User Manual for more information.
CREATE A NEW ASSESSMENT:
To create a new assessment complete the fields below and click '+ADD'.
Project:
another new project
Version:
+ADD
IMPORTANT
Print first & read before starting assessment.
Click here...
Existing Submissions:
To view a report summary, select a submission from the list and click 'View Report'
Select
Project
Version
Type
Status
Submitted
Delete?
EDIT
COPY
Building C3C - Detailed
Preliminary Assessment V1.0
Office Base Building Calculator
Draft
1/03/2012 4:19:30 AM
EDIT
COPY
Erskine Park
TEST
Industrial Warehouse Calculator
Draft
26/02/2012 10:44:51 PM
EDIT
COPY
RBB Testing Project
caro testing 270212
Retail Base Building Calculator
Draft
26/02/2012 6:39:58 PM

3.2 Creating a new submission

After logging in you can create a new submission in the 'Your Workspace' section of the website.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Your Workspace
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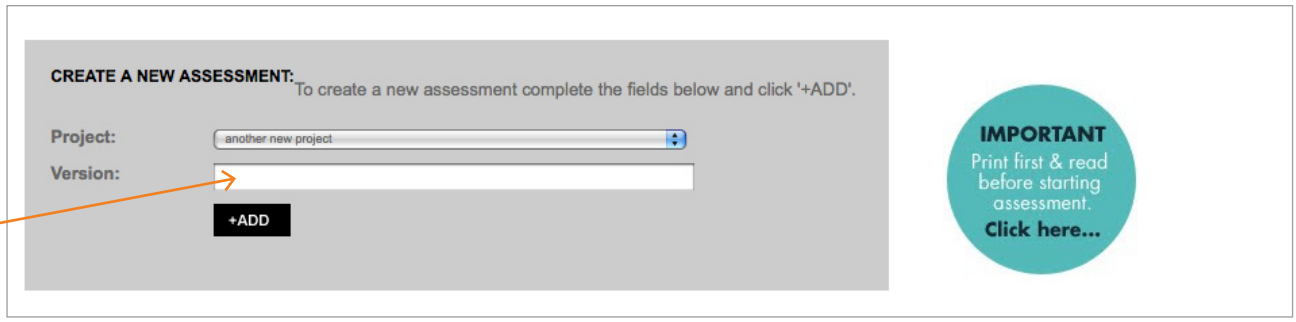
If you are registered for multiple calculators and or projects you must first Select which project you want to work on from the Project Drop-Down Box. It is important that you then manage your submissions and enter a distinct Version number or identifier for each Option – remembering that you have a maximum of eight (8) options per project registration.
Your Existing Submissions are shown in the box below and their status, version and format are shown. To simply view or print a report Select the report and click the View Report button at the bottom of the page.
When you want to compare multiple project options, go to the User Guide section and download the Footprint Comparison Template and then enter the results from your Reports in the template.
Refer to the User Manual for more information.
CREATE A NEW ASSESSMENT:
To create a new assessment complete the fields below and click '+ADD'.
Project:
another new project
Version:
another new project
Building C3C - Detailed
Detailed - Mixed
Erskine Park
Mixed-Assessment
RBB Testing Project
Sample Project OBB (used to be storename)
Test OBB
Tina's Retail BB
West Kiera
IMPORTANT
Print first & read before starting assessment.
Click here...
Existing Submissions:

In the 'Create a new assessment' box, go to the drop down menu and select which project you wish to use. **Note:** you may only have one project available to you in the drop down menu.

Create a version name/identifier – make sure it's something you can recall, e.g. stage of project.

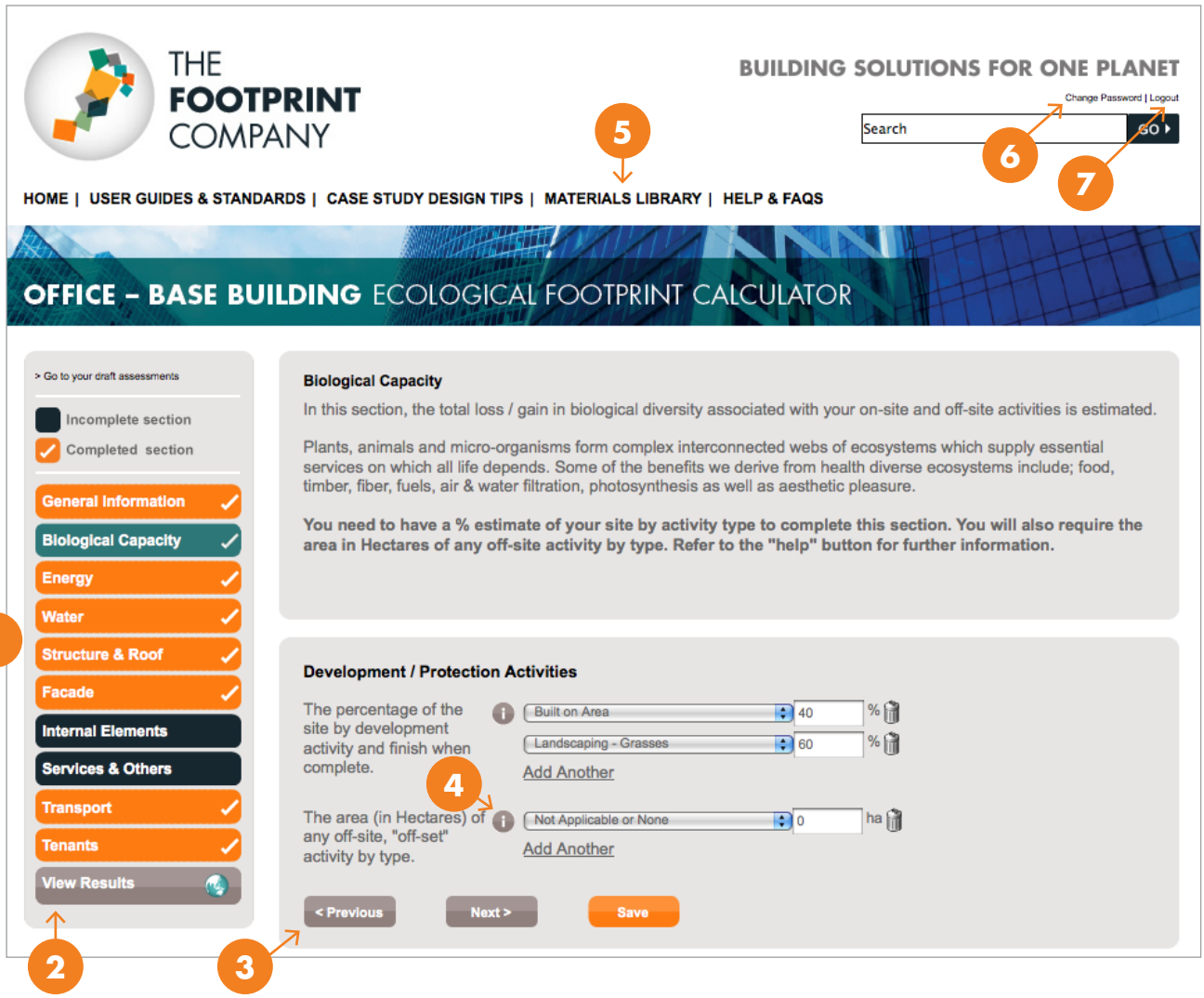
Once '+ADD' is clicked you will be taken to the Calculator 'General Information Page' for the assessment you have just created.



3.3 Inside the calculator

After creating a new submission you will be presented with the 'Calculator'.

The calculator is a series of questions which you can answer in one sitting or save and come back to later. You can complete sections in any order you wish (you do not need to complete the sections sequentially).


THE FOOTPRINT COMPANY
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Change Password | Logout
Search
GO
5
6
7
HOME | USER GUIDES & STANDARDS | CASE STUDY DESIGN TIPS | MATERIALS LIBRARY | HELP & FAQS
OFFICE – BASE BUILDING ECOLOGICAL FOOTPRINT CALCULATOR
> Go to your draft assessments
Incomplete section
Completed section
General Information
Biological Capacity
Energy
Water
Structure & Roof
Facade
Internal Elements
Services & Others
Transport
Tenants
View Results
1
2
3
4
Biological Capacity
In this section, the total loss / gain in biological diversity associated with your on-site and off-site activities is estimated.
Plants, animals and micro-organisms form complex interconnected webs of ecosystems which supply essential services on which all life depends. Some of the benefits we derive from health diverse ecosystems include; food, timber, fiber, fuels, air & water filtration, photosynthesis as well as aesthetic pleasure.
You need to have a % estimate of your site by activity type to complete this section. You will also require the area in Hectares of any off-site activity by type. Refer to the "help" button for further information.
Development / Protection Activities
The percentage of the site by development activity and finish when complete.
Built on Area 40 %
Landscaping - Grasses 60 %
Add Another
The area (in Hectares) of any off-site, "off-set" activity by type.
Not Applicable or None 0 ha
Add Another
< Previous
Next >
Save

General overview of the functions and features of the calculator:

1 The left hand navigation lists the sections of the calculator. Orange bars with a 'tick' are completed sections. Sections with blue bars are incomplete. A teal bar indicates the section you are currently in.

2 'View Results' will create a report for the current Submission once all sections are completed. After clicking 'View Results' you will be able to choose between types of report.

3 Use the 'Previous', 'Next' and 'Save' buttons to navigate between the sections in the calculator. **You must complete ALL questions in the section before you can move to other sections.** Note: you can also use the left hand navigation.

4 Information icons, when clicked, will pop up with contextual help relating to that particular question.

5 The 'Materials Library' menu option will open in a new browser window.

6 Change your Password.

7 The Logout button will end your session and save your progress. However, please note that the current section you are in **will not be saved unless it has been completed**. Only fully completed sections will be saved when logging out.

3.4 Saving your assessment

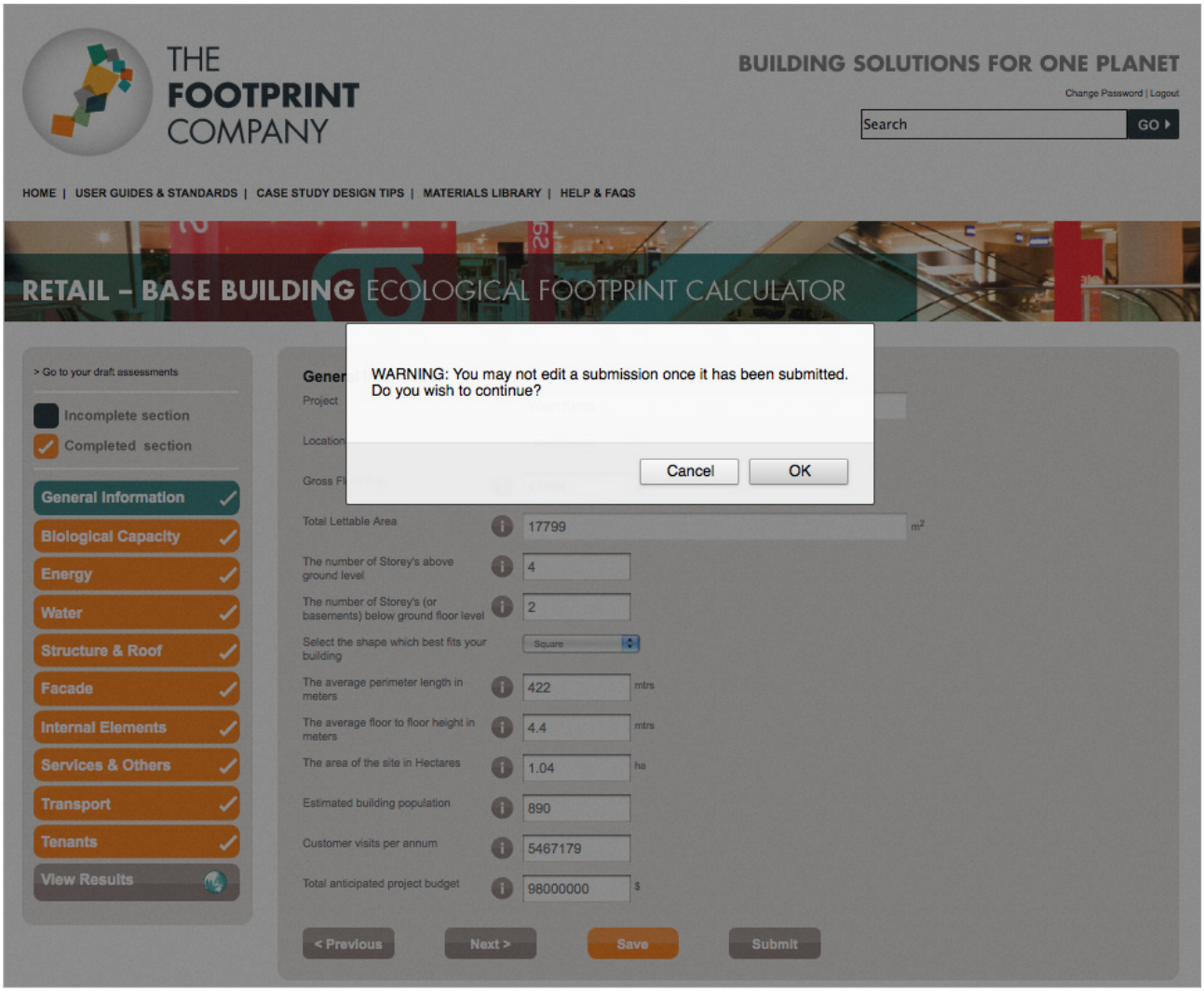
Use the 'Previous', 'Next' and 'Save' buttons to navigate between the sections in the calculator. **You must complete ALL questions in the section before you can move to other sections**. By using the 'Save' button when a section is complete you will save your information and be able to move to other sections, not necessarily in order they appear in the left navigation pane.

3.5 Submitting your assessment

Once all sections are completed, you will be able to 'Submit' your assessment. However **once an assessment has been submitted all data is locked and you will not be able to make any further changes to it**. Before submitting an assessment:

- 'View Results' for the assessment – print out and analyse the report.
- Make changes and edit the assessment until you are completely happy with it.
- Finally, once satisfied the assessment is correct, click the 'Submit' button.

Once the 'Submit' button has been clicked a warning dialogue box will appear (shown below) to confirm you are happy to proceed.



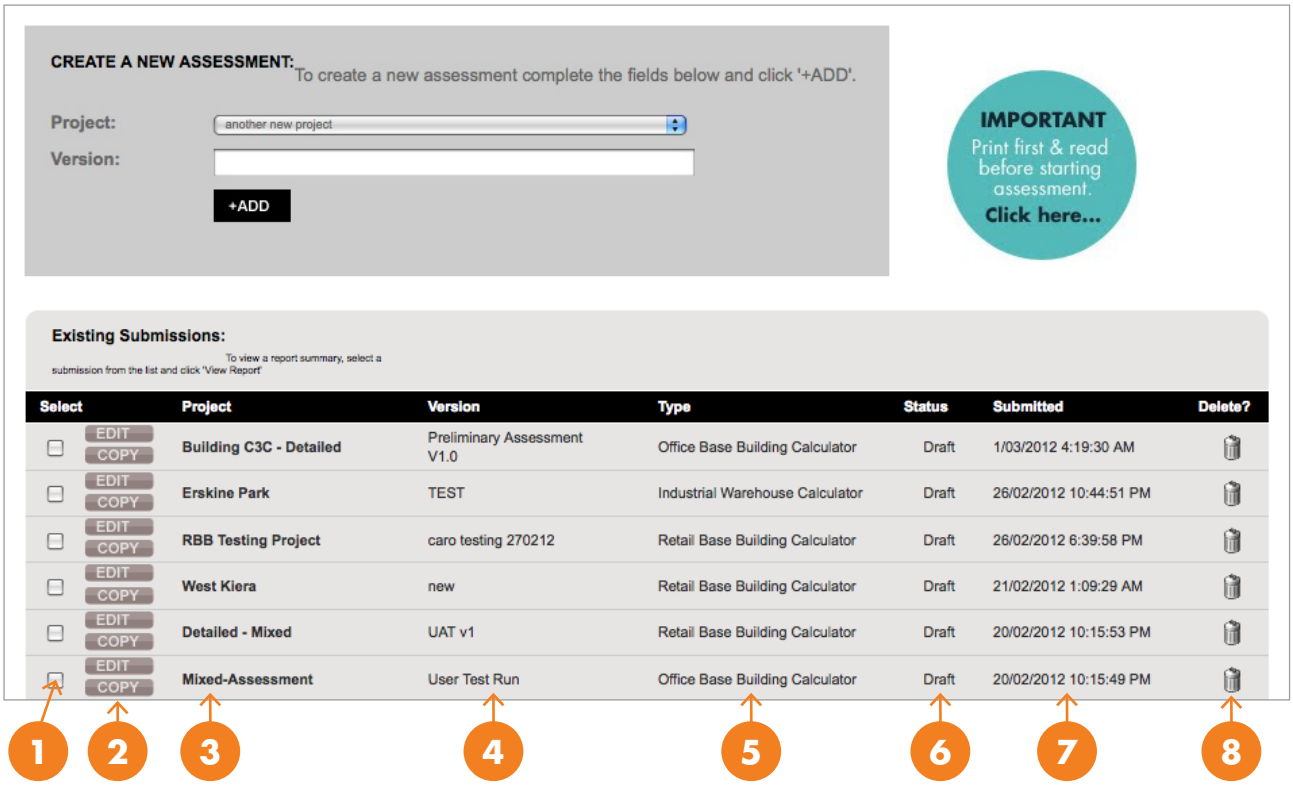
Once an assessment has been submitted, on the 'Your Workspace' page (see the following page for information) you can 'Copy' the assessment, view the assessment or 'View Results', however you are not able to 'Edit' it.

3.6 Manage existing submissions

After logging in you can manage your existing submissions in the 'Your Workspace' section of the website where you will find all of the submissions you have created.

If you are registered for multiple calculators and/or projects, select which project you wish to work on from the drop down menu. It is important that you then manage your submissions and enter a distinct version number or identifier for each option – remembering that you have a maximum of eight (8) options per project registration. You are able to create these multiple versions of assessments to allow you to test the benefits and impact of different scenarios and material choices.

To compare multiple project options, go to the 'USER GUIDES & STANDARDS' section of the site and download the 'Footprint Results Comparison Template' Excel spreadsheet, then enter the results from your reports into the template.



Explanation of controls for managing submissions:

1. Tick the check box to select a submission, then click the 'View Report' button (located below the table – refer to User Guide section '4.1 Creating reports') to view reports.
2. Click 'Edit' to go into the details of that submission. Click 'Copy' to create an exact copy of that submission. This is useful for comparing two submissions for the same project; you can see the difference your choices can make to your footprint.
3. Indicates the project for which the submission refers to.
4. You must give your submission a version name/identifier to help identify which submission is which.
5. The type of calculator being used.
6. Submissions can appear as 'Draft' or 'Submitted'. Once submitted, submissions can not be edited, but may be copied to use as a base for a new submission.
7. Indicates the date and time a submission was created.
8. Only **draft** submissions can be deleted. Once deleted, submissions cannot be retrieved.

3.7 Questions in the calculator requiring a % value

When completing questions within the calculator that require a percentage (%) input, you may need to specify all elements that make up 100% of the total. If the sum of the percentages you enter does not add up to 100% you will receive an error message and will not be able to save your answer.

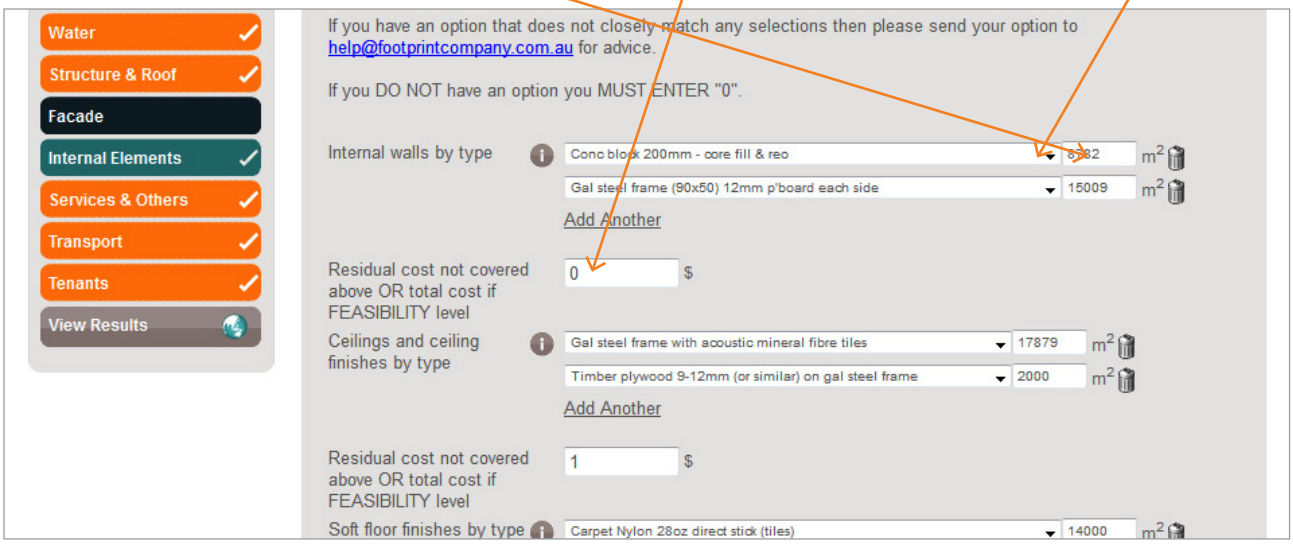
e.g. See below.

In the example above, the total percentage adds up to 105% (90% + 15%) and thus the error in red text will appear until the numbers are adjusted to make 100%. To correct this, the user may adjust one of the existing numbers (90% or 15%).

In some cases, if the total percentage adds up to less than 100%, you may wish to add another element by clicking the 'Add Another' button, and then making up the remainder with that item.

3.8 Questions in the calculator requiring a '0' value

If you do not have developed quantities and ONLY have a budget amount, select the 'Not Applicable' option in the dropdown menu, enter "0", then enter the $ (budget amount) in the next box.

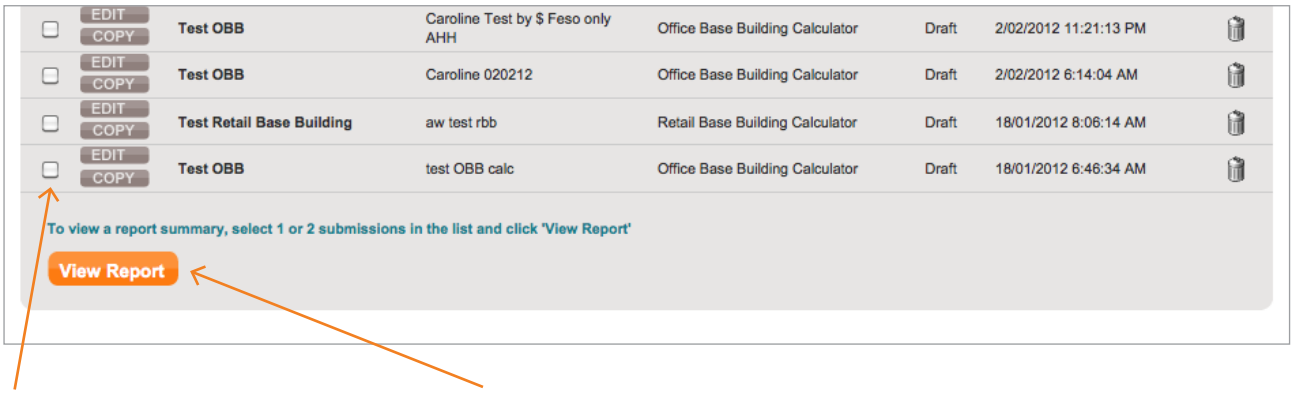

Water
Structure & Roof
Facade
Internal Elements
Services & Others
Transport
Tenants
View Results
If you have an option that does not closely match any selections then please send your option to help@footprintcompany.com.au for advice.
If you DO NOT have an option you MUST ENTER "0".
Internal walls by type
Conc block 200mm - core fill & reo
Gal steel frame (90x50) 12mm p'board each side
15009
m2
Add Another
Residual cost not covered above OR total cost if FEASIBILITY level
0
$
Ceilings and ceiling finishes by type
Gal steel frame with acoustic mineral fibre tiles
17879
Timber plywood 9-12mm (or similar) on gal steel frame
2000
Add Another
Residual cost not covered above OR total cost if FEASIBILITY level
1
$
Soft floor finishes by type
Carpet Nylon 28oz direct stick (tiles)
14000

If you DO HAVE detailed quantities, enter those and use the $ box to indicate the cost of sundry items not covered or special one-off items.

4 REPORTS

Reports are provided in PDF format. If you do not have PDF reader software such as Adobe Acrobat Reader visit: **http://get.adobe.com/reader/**

4.1 Creating reports


EDIT COPY Test OBB Caroline Test by $ Feso only AHH Office Base Building Calculator Draft 2/02/2012 11:21:13 PM
EDIT COPY Test OBB Caroline 020212 Office Base Building Calculator Draft 2/02/2012 6:14:04 AM
EDIT COPY Test Retail Base Building aw test rbb Retail Base Building Calculator Draft 18/01/2012 8:06:14 AM
EDIT COPY Test OBB test OBB calc Office Base Building Calculator Draft 18/01/2012 6:46:34 AM
To view a report summary, select 1 or 2 submissions in the list and click 'View Report'
View Report

Select a submission then click the 'View Report' button to view.

Clicking the 'View Report' button will open the next window which allows you to select the type of report you require.

Once generated, save (File > Save As) the report to your system/computer.

4.2 Detailed Eco-Footprint Report

This report allows you to understand the discrete impact of each of your selections and is the key report to use when comparing the impact of discrete design changes. E.g. changing from regular steel to recycled steel. It also provides a Global Reporting Initiative (GRI) performance summary table.

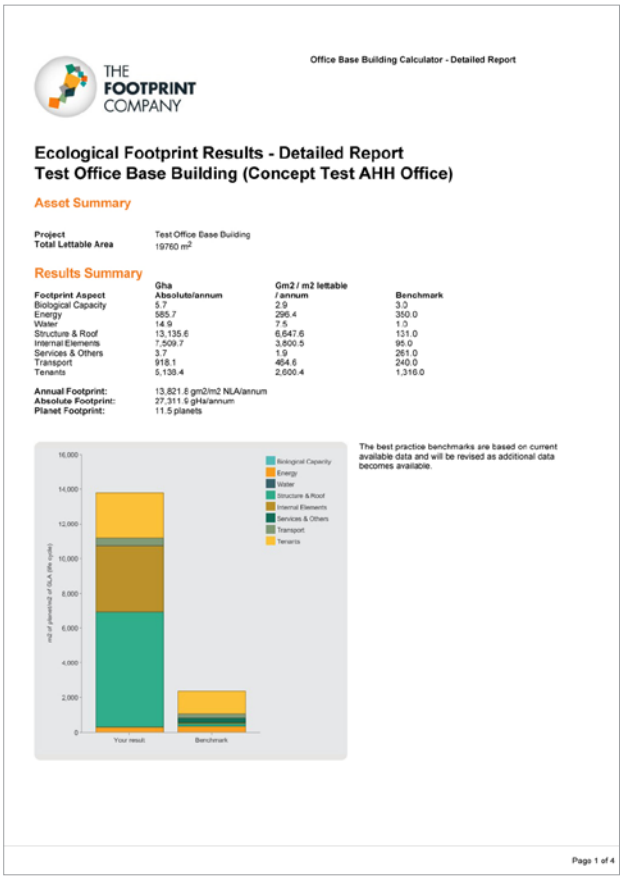
This report demonstrates your life cycle impact as compared to a current level of best practice. This is then broken down into capital, operational and offset contributions to your tenancy's total life cycle footprint on the basis of the selections made. Further detail is illustrated for the capital and operational items contribution to the total life cycle footprint.

4.3 Eco-Footprint Graph Report

This report is a summary of the components without the full details as per the Detailed Eco-Footprint Report. It provides planet report and headline charts for presentation purposes, as well as all the methodology supporting the analysis.

Once you click OK, your PDF report will be generated.

Example of a 'Detailed Eco-footprint Report', page 1



THE FOOTPRINT COMPANY

Office Base Building Calculator - Detailed Report

Ecological Footprint Results - Detailed Report
Test Office Base Building (Concept Test AHH Office)

Asset Summary

Project	Test Office Base Building
Total Lettable Area	19760 m²

Results Summary

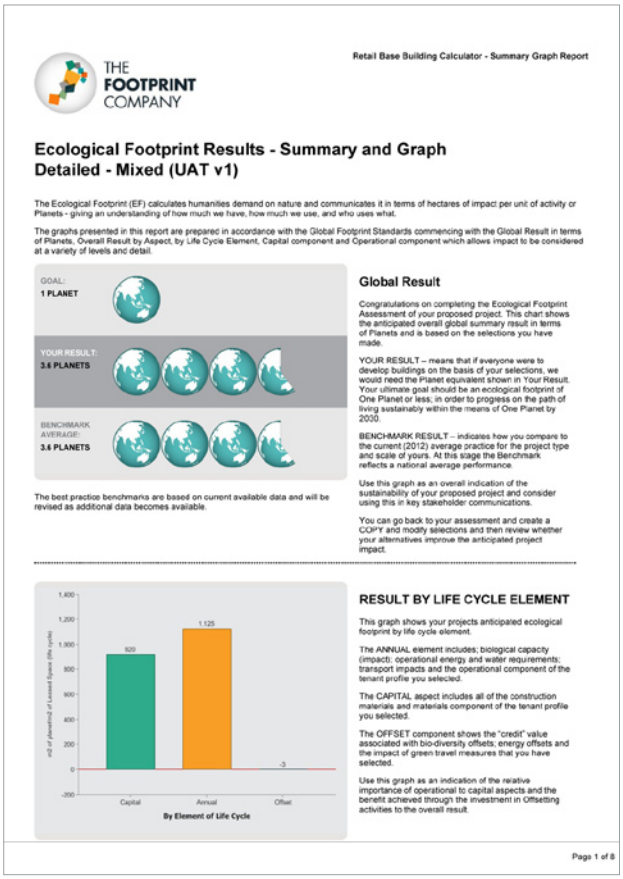
Footprint Aspect	Gha Absolute/annum	Gm2 / m2 lettable / annum	Benchmark
Biological Capacity	5.7	2.9	3.0
Energy	585.7	296.4	350.0
Water	14.9	7.5	1.0
Structure & Roof	13,135.6	6,647.6	131.0
Internal Elements	7,509.7	3,800.5	95.0
Services & Others	3.7	1.9	261.0
Transport	918.1	464.6	240.0
Tenants	5,138.4	2,600.4	1,316.0

Annual Footprint:	13,821.8 gm2/m2 NLA/annum
Absolute Footprint:	27,311.5 gHa/annum
Planet Footprint:	11.5 planets

The best practice benchmarks are based on current available data and will be revised as additional data becomes available.

Pags 1 of 4

Example of an 'Eco-footprint Graph Report', page 1



THE FOOTPRINT COMPANY

Retail Base Building Calculator - Summary Graph Report

Ecological Footprint Results - Summary and Graph
Detailed - Mixed (UAT v1)

The Ecological Footprint (EF) calculates humanities demand on nature and communicates it in terms of hectares of impact per unit of activity or Planets - giving an understanding of how much we have, how much we use, and who uses what.

The graphs presented in this report are prepared in accordance with the Global Footprint Standards commencing with the Global Result in terms of Planets. Overall Result by Aspect, by Life Cycle Element, Capital component and Operational component which allows impact to be considered at a variety of levels and detail.

GOAL: 1 PLANET

YOUR RESULT: 3.6 PLANETS

BENCHMARK AVERAGE: 3.6 PLANETS

The best practice benchmarks are based on current available data and will be revised as additional data becomes available.

Global Result

Congratulations on completing the Ecological Footprint Assessment of your proposed project. This chart shows the anticipated overall global summary result in terms of Planets and is based on the selections you have made.

YOUR RESULT – means that if everyone were to develop buildings on the basis of your selections, we would need the Planet equivalent shown in Your Result. Your ultimate goal should be an ecological footprint of One Planet or less; in order to progress on the path of living sustainably within the means of One Planet by 2030.

BENCHMARK RESULT – indicates how you compare to the current (2012) average practice for the project type and scale of yours. At this stage the Benchmark reflects a national average performance.

Use this graph as an overall indication of the sustainability of your proposed project and consider using this in key stakeholder communications.

You can go back to your assessment and create a COPY and modify selections and then review whether your alternatives improve the anticipated project impact.

RESULT BY LIFE CYCLE ELEMENT

This graph shows your projects anticipated ecological footprint by life cycle element.

The ANNUAL element includes; biological capacity (impact); operational energy and water requirements; transport impacts and the operational component of the tenant profile you selected.

The CAPITAL aspect includes all of the construction materials and materials component of the tenant profile you selected.

The OFFSET component shows the "credit" value associated with bio-diversity offsets; energy offsets and the impact of green travel measures that you have selected.

Use this graph as an indication of the relative importance of operational to capital aspects and the benefit achieved through the investment in Offsetting activities to the overall result.

1,400
1,200
1,000
800
600
400
200
0
-200
920
1,125
-3
Capital
Annual
Offset
By Element of Life Cycle

Pags 1 of 8

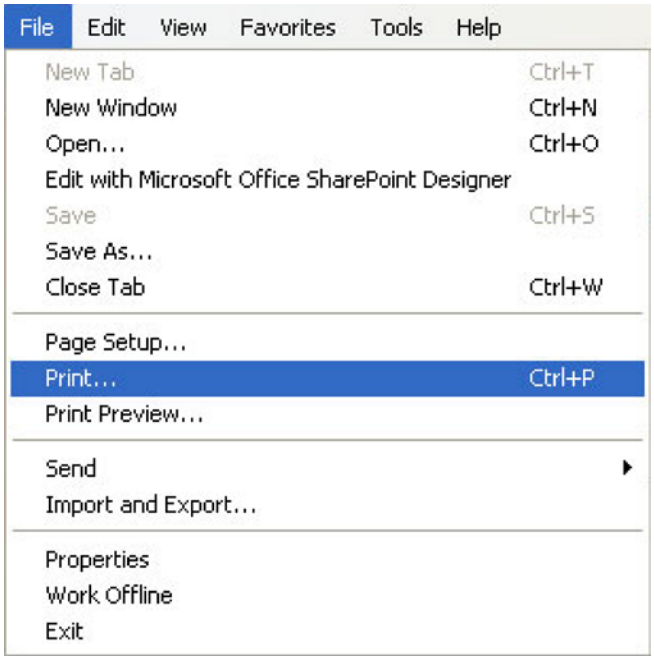
4.4 Printing reports

Open your PDF report:

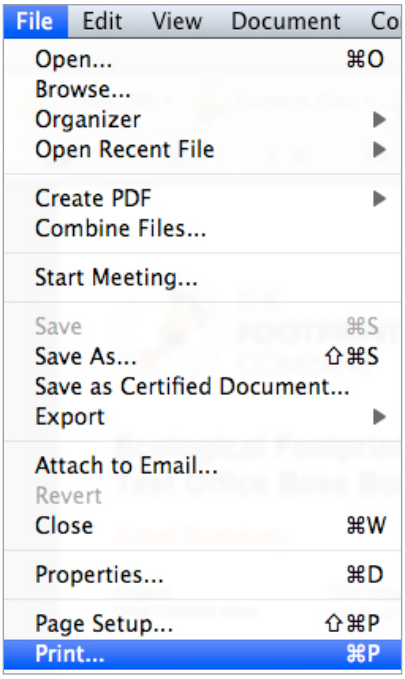
1. Select File > Print…

2. Print to your normal printer.

PC users

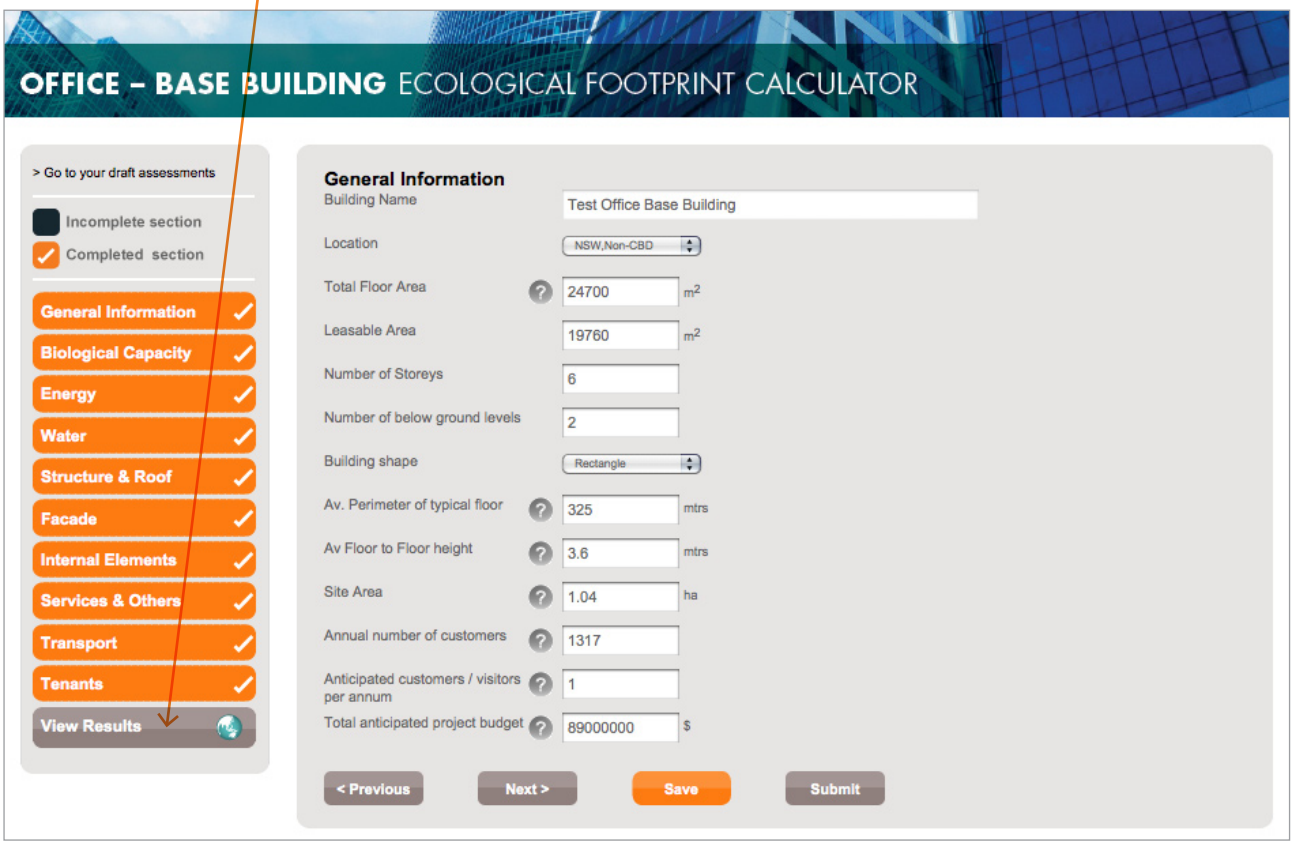


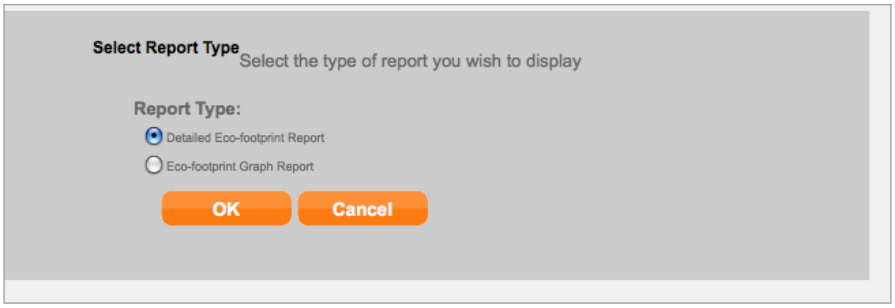
Mac users



4.5 View a report

You will need to be logged into the system and select the project you wish to view or print reports for. Click on 'View Results' – you can then make a choice of the reports available. They are explained in further detail below.





Detailed Eco-Footprint Report

This report allows you to understand the discrete impact of each of your selections and is the key report to use when comparing the impact of discrete design changes. E.g. changing from regular steel to recycled steel. It also provides a Global Reporting Initiative (GRI) performance summary table.

This report demonstrates your life cycle impact as compared to a current level of best practice. This is then broken down into capital, operational and offset contributions to your tenancy's total life cycle footprint on the basis of the selections made. Further detail is illustrated for the capital and operational items contribution to the total life cycle footprint.

Eco-Footprint Graph Report

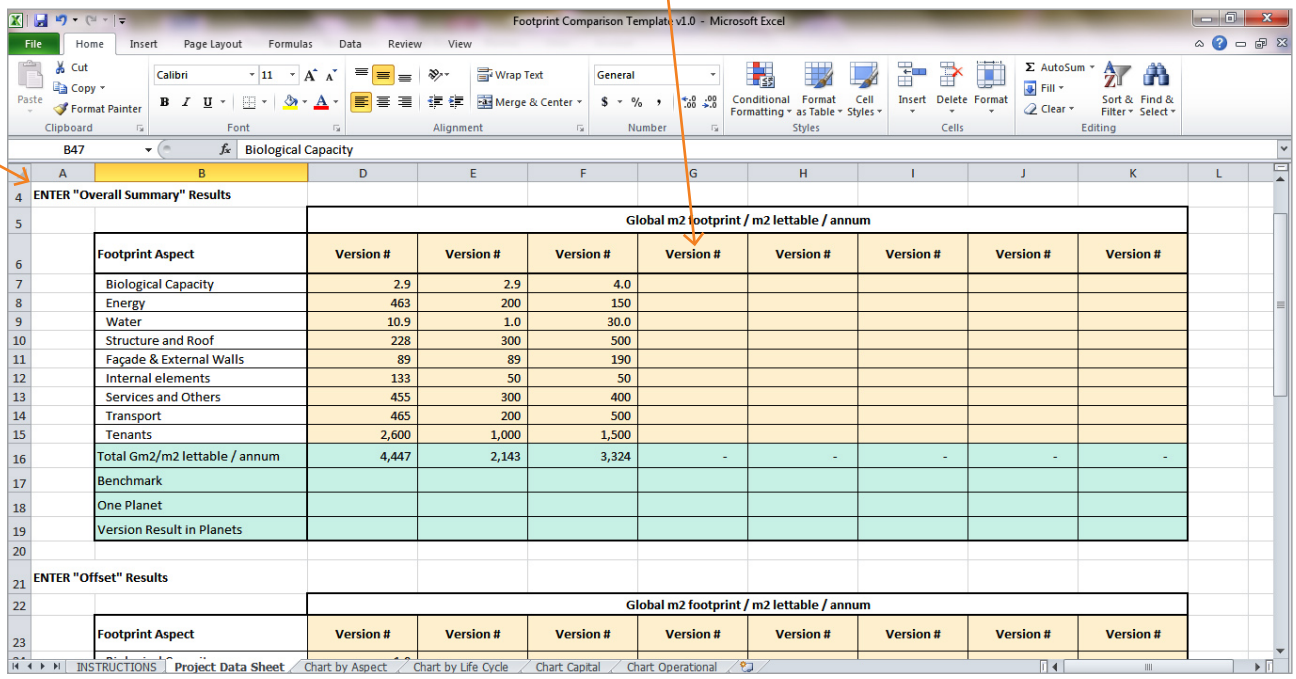
This report is a summary of the components without the full details as per the Detailed Eco-Footprint Report. It provides planet report and headline charts for presentation purposes, as well as all the methodology supporting the analysis.

4.6 Comparing results

To compare scenarios (versions), print out the PDF reports and download the 'Footprint Results Comparison Template' Excel spreadsheet from the 'USER GUIDES & STANDARDS' section of the site.

Open the comparison template and have the Detailed Eco-Footprint Reports at hand.

Start at the Overall Summary. Enter the Version Name/number in the relevant column and the results from the summary table and sections.



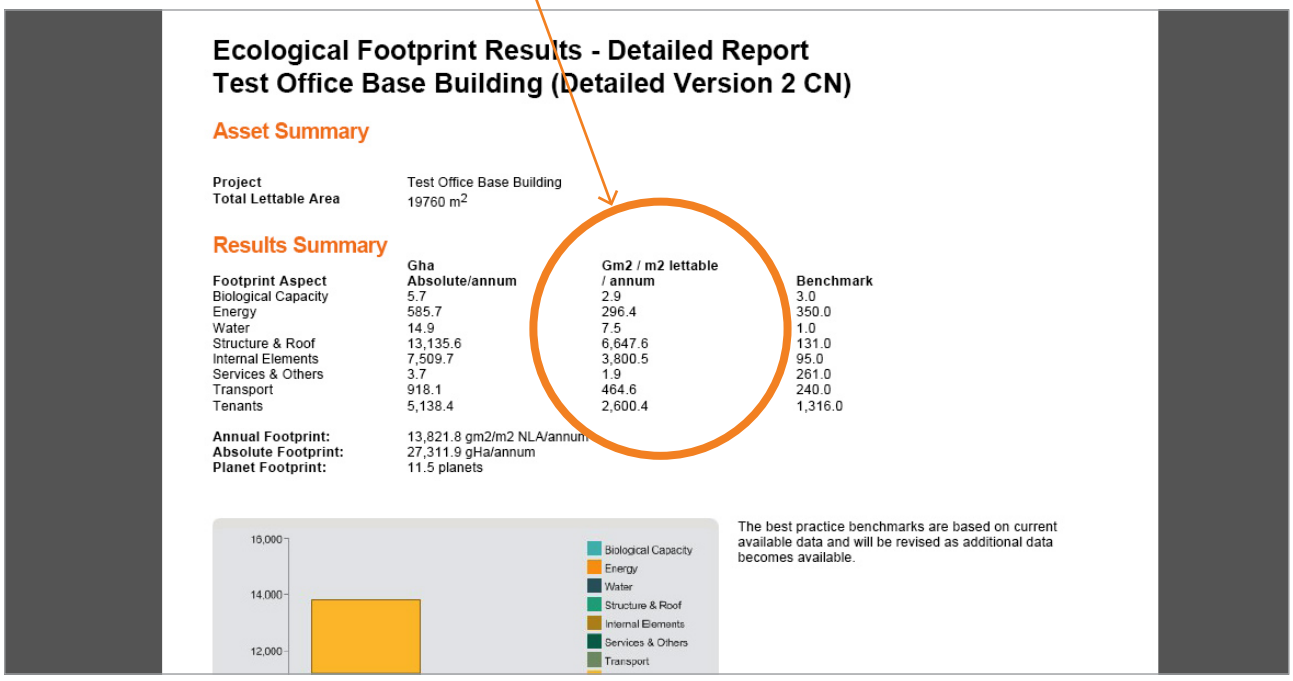
ENTER "Overall Summary" Results

	Global m2 footprint / m2 lettable / annum							
Footprint Aspect	Version #	Version #	Version #	Version #	Version #	Version #	Version #	Version #
Biological Capacity	2.9	2.9	4.0					
Energy	463	200	150					
Water	10.9	1.0	30.0					
Structure and Roof	228	300	500					
Façade & External Walls	89	89	190					
Internal elements	133	50	50					
Services and Others	455	300	400					
Transport	465	200	500					
Tenants	2,600	1,000	1,500					
Total Gm2/m2 lettable / annum	4,447	2,143	3,324	-	-	-	-	-
Benchmark								
One Planet								
Version Result in Planets								

ENTER "Offset" Results

	Global m2 footprint / m2 lettable / annum							
Footprint Aspect	Version #	Version #	Version #	Version #	Version #	Version #	Version #	Version #

Enter these values into the summary sheet.



Ecological Footprint Results - Detailed Report
Test Office Base Building (Detailed Version 2 CN)

Asset Summary

Project	Test Office Base Building
Total Lettable Area	19760 m^2

Results Summary

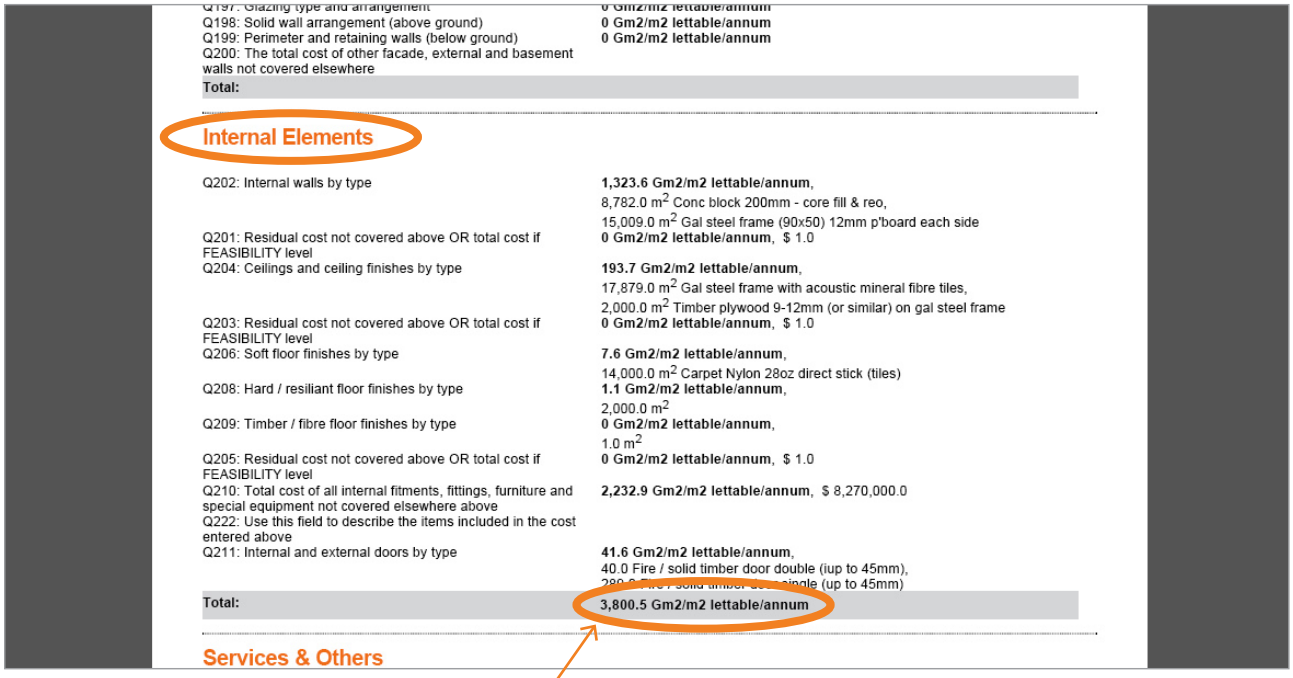
Footprint Aspect	Gha Absolute/annum	Gm2 / m2 lettable / annum	Benchmark
Biological Capacity	5.7	2.9	3.0
Energy	585.7	296.4	350.0
Water	14.9	7.5	1.0
Structure & Roof	13,135.6	6,647.6	131.0
Internal Elements	7,509.7	3,800.5	95.0
Services & Others	3.7	1.9	261.0
Transport	918.1	464.6	240.0
Tenants	5,138.4	2,600.4	1,316.0

Annual Footprint:	13,821.8 gm2/m2 NLA/annum
Absolute Footprint:	27,311.9 gHa/annum
Planet Footprint:	11.5 planets

The best practice benchmarks are based on current available data and will be revised as additional data becomes available.

For materials, refer to the detailed results following.

For Example: Internal Elements.



Q198: Solid wall arrangement (above ground)	**0 Gm2/m2 lettable/annum**
Q199: Perimeter and retaining walls (below ground)	**0 Gm2/m2 lettable/annum**
Q200: The total cost of other facade, external and basement walls not covered elsewhere	
Total:	

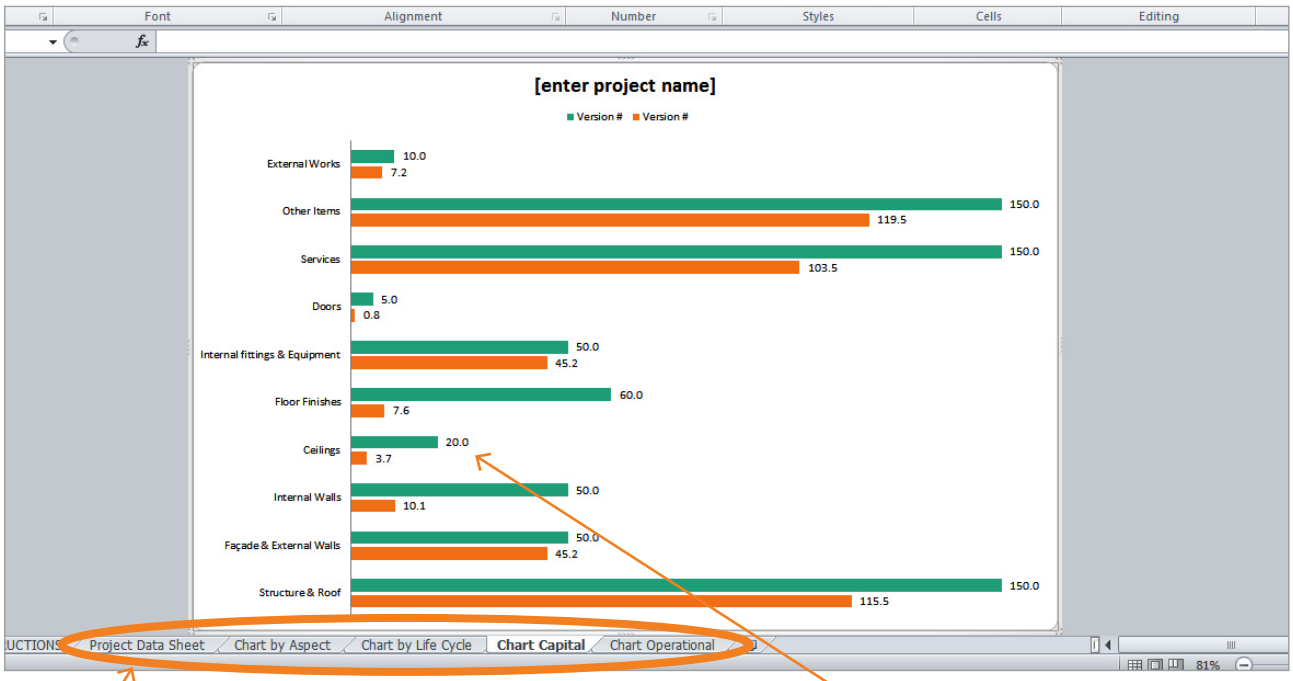
Internal Elements

Q202: Internal walls by type	**1,323.6 Gm2/m2 lettable/annum**, 8,782.0 m^2 Conc block 200mm - core fill & reo, 15,009.0 m^2 Gal steel frame (90x50) 12mm p'board each side
Q201: Residual cost not covered above OR total cost if FEASIBILITY level	**0 Gm2/m2 lettable/annum**, $ 1.0
Q204: Ceilings and ceiling finishes by type	**193.7 Gm2/m2 lettable/annum**, 17,879.0 m^2 Gal steel frame with acoustic mineral fibre tiles, 2,000.0 m^2 Timber plywood 9-12mm (or similar) on gal steel frame
Q203: Residual cost not covered above OR total cost if FEASIBILITY level	**0 Gm2/m2 lettable/annum**, $ 1.0
Q206: Soft floor finishes by type	**7.6 Gm2/m2 lettable/annum**, 14,000.0 m^2 Carpet Nylon 28oz direct stick (tiles)
Q208: Hard / resiliant floor finishes by type	**1.1 Gm2/m2 lettable/annum**, 2,000.0 m^2
Q209: Timber / fibre floor finishes by type	**0 Gm2/m2 lettable/annum**, 1.0 m^2
Q205: Residual cost not covered above OR total cost if FEASIBILITY level	**0 Gm2/m2 lettable/annum**, $ 1.0
Q210: Total cost of all internal fitments, fittings, furniture and special equipment not covered elsewhere above	**2,232.9 Gm2/m2 lettable/annum**, $ 8,270,000.0
Q222: Use this field to describe the items included in the cost entered above	
Q211: Internal and external doors by type	**41.6 Gm2/m2 lettable/annum**, 40.0 Fire / solid timber door double (iup to 45mm), [illegible] single (up to 45mm)
Total:	**3,800.5 Gm2/m2 lettable/annum**

Services & Others

Enter the 'Total' value into the Excel sheet.

Once the spreadsheet is complete, view the results and print.

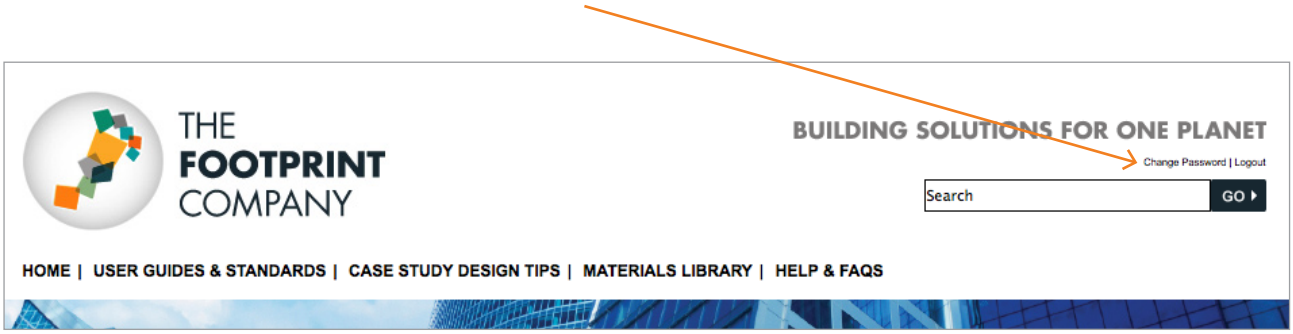


Use these to compare the effects of discrete design and materials changes.

5 CHANGE YOUR PASSWORD

5.1 'Change password' link

To change your password click on the 'Change Password' link, shown below.


THE FOOTPRINT COMPANY
BUILDING SOLUTIONS FOR ONE PLANET
Change Password | Logout
Search
GO
HOME | USER GUIDES & STANDARDS | CASE STUDY DESIGN TIPS | MATERIALS LIBRARY | HELP & FAQS

The next page will then present you with 3 fields to complete:

1. Your current password.
2. Your new password.
3. Confirm your new password.
4. Click 'change password'.

Note: the following rules must be adhered to or you will receive an error.

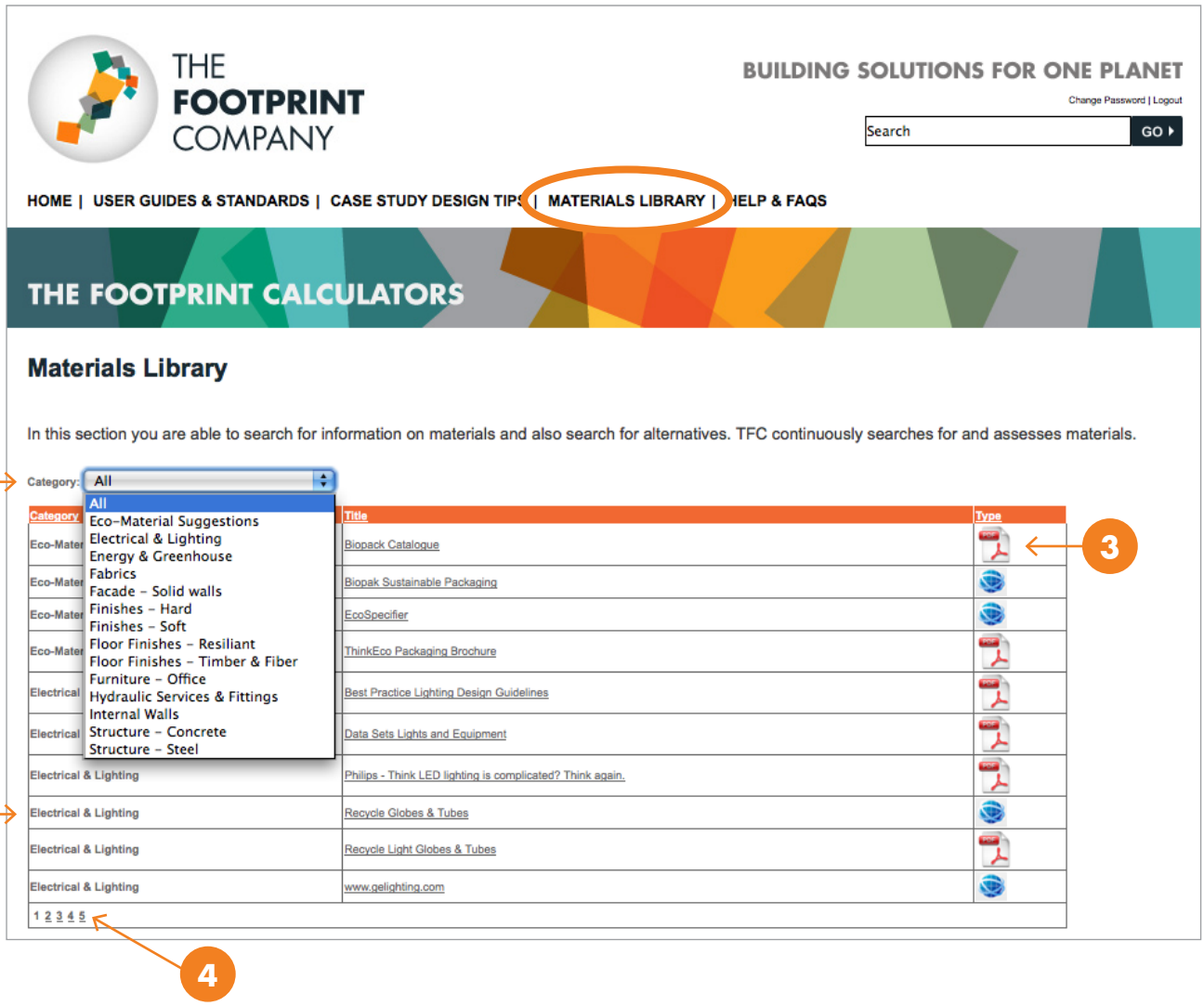
- Your current password must be entered correctly (copy and paste from the email)
- Your new password must be at least 7 characters long
- Your new password must contain at least one number (e.g.1 2 3 4 5 6 7 8 9 0)
- Fields 2 and 3 must match exactly.

Here is an example of an easy to remember password that matches the above criteria (we recommend you create your own and do not use this however): **Password5**

6 LIBRARY RESOURCES

6.1 Find a document in the Library

The Library contains resources that will help you to use the calculator, plus it has a wealth of educational material to assist in reducing your footprint.



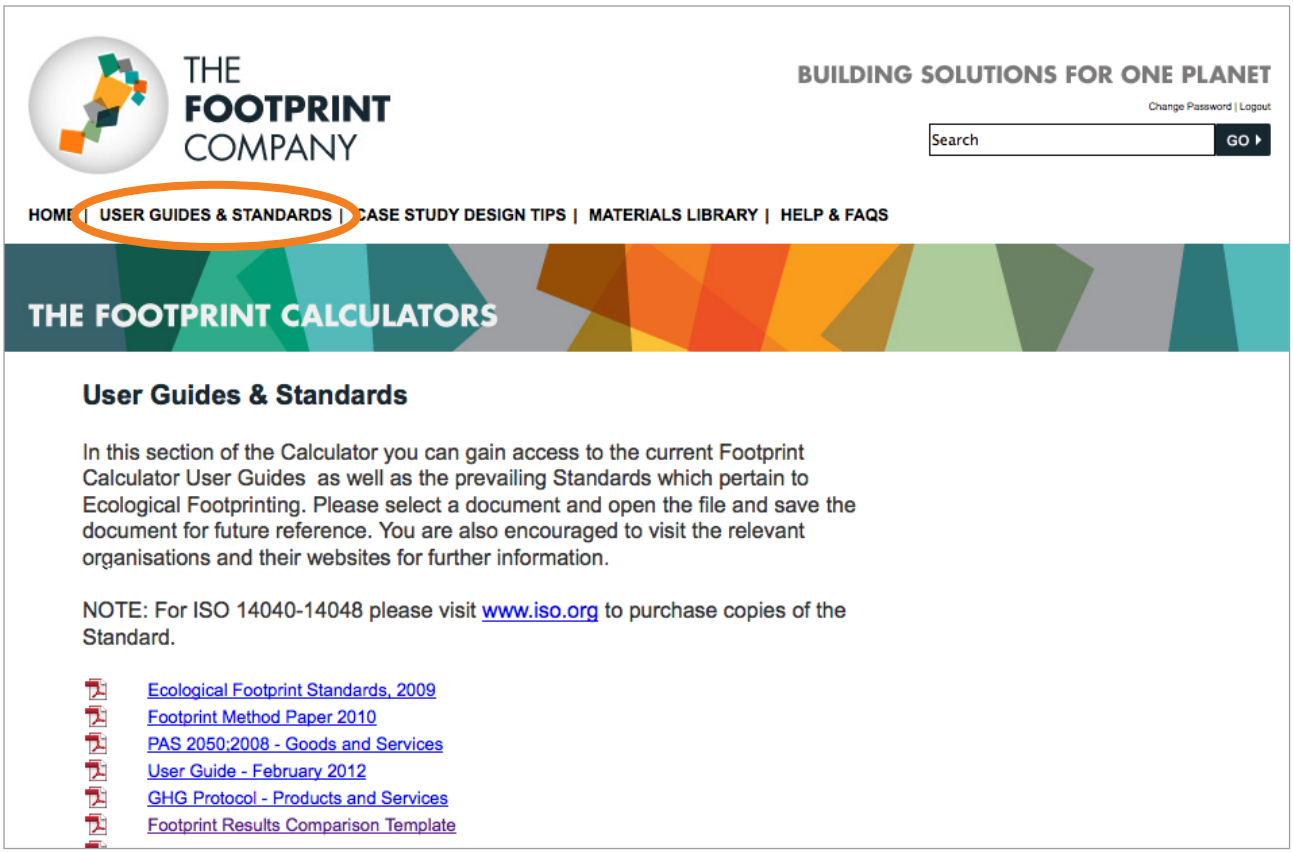
Explanation of page elements:

1. The 'Category' column indicates the category that best represents the content of that library resource.
2. Use the Category drop down menu and the Search box to browse and search for resources within the library.
3. The 'Type' column indicates the type of file a resource is. The library consists primarily of PDF documents and hyperlinks to resources on other websites that contain further information.
4. The Library contains multiple pages of resources hence these are paginated. These numbers at the bottom of the page are links that can be used to browse through the Library pages.

Note: Click on the column headings to sort the Library by that column. e.g. clicking on the 'Title' column will sort the library resources alphabetically by Title.

7 USER GUIDES & STANDARDS

This section contains relevant control documents which detail how this website aligns with international Ecological Footprint standards as well as other relevant methodology papers.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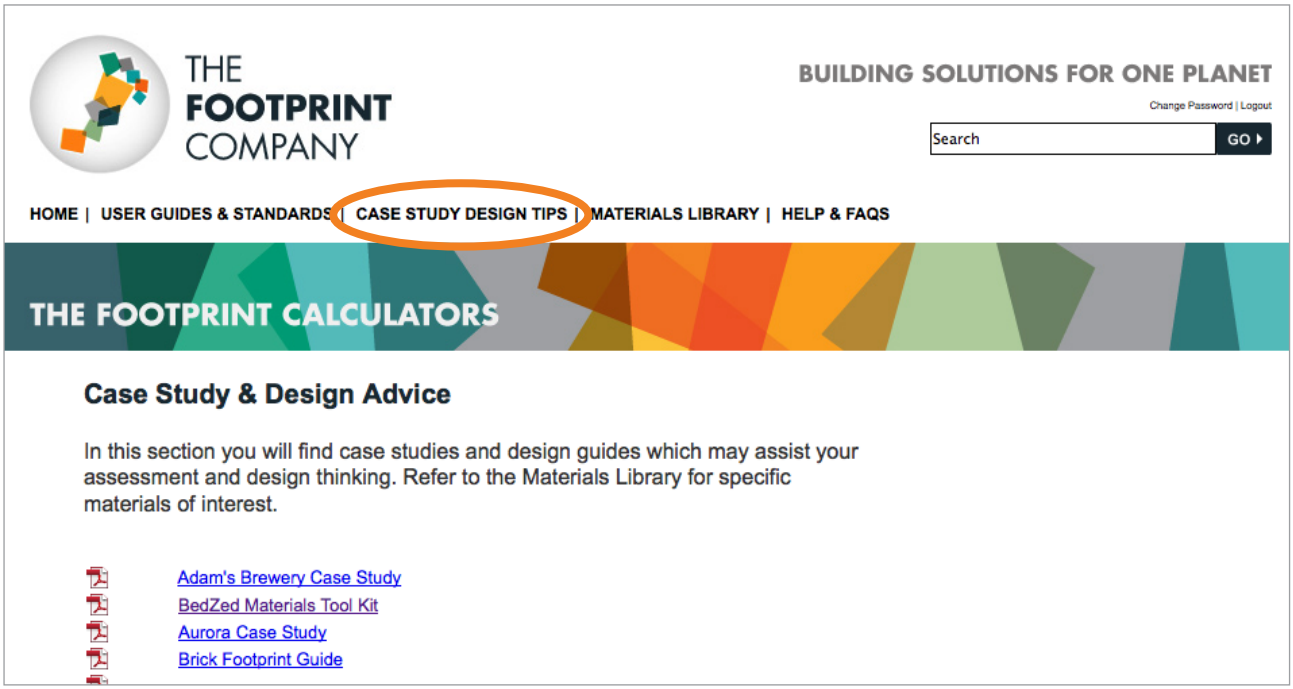
Change Password | Logout
Search
GO
HOME | USER GUIDES & STANDARDS | CASE STUDY DESIGN TIPS | MATERIALS LIBRARY | HELP & FAQS
THE FOOTPRINT CALCULATORS
User Guides & Standards
In this section of the Calculator you can gain access to the current Footprint Calculator User Guides as well as the prevailing Standards which pertain to Ecological Footprinting. Please select a document and open the file and save the document for future reference. You are also encouraged to visit the relevant organisations and their websites for further information.
NOTE: For ISO 14040-14048 please visit www.iso.org to purchase copies of the Standard.
Ecological Footprint Standards, 2009
Footprint Method Paper 2010
PAS 2050:2008 - Goods and Services
User Guide - February 2012
GHG Protocol - Products and Services
Footprint Results Comparison Template

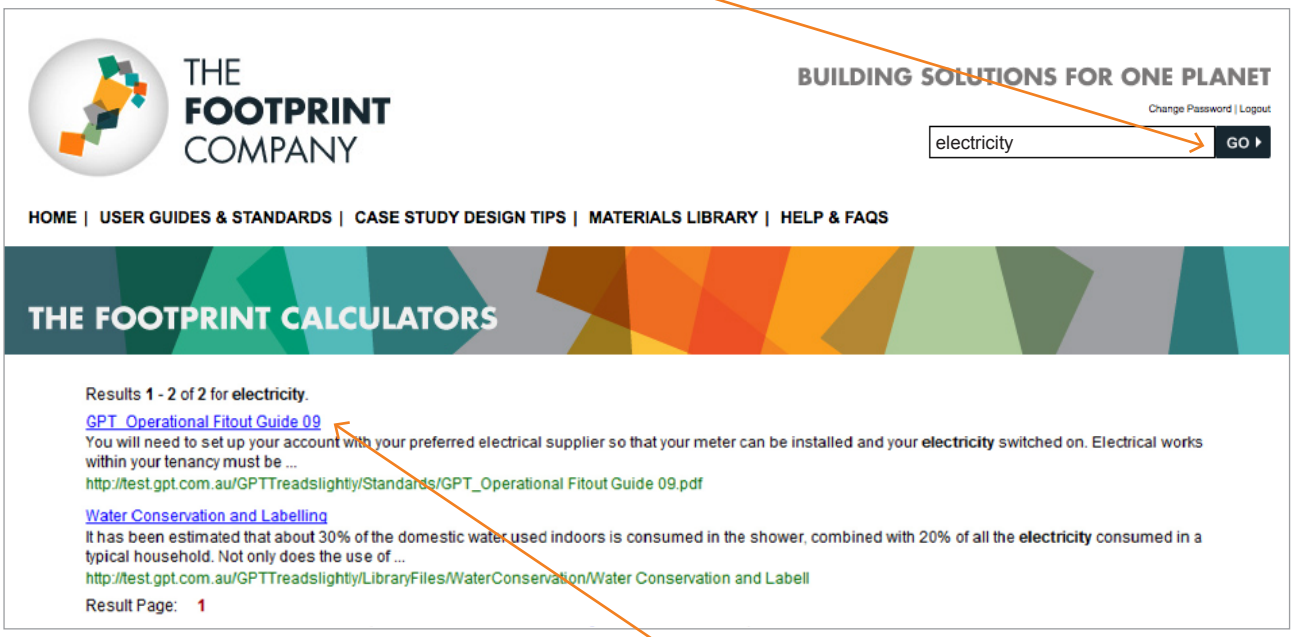
8 CASE STUDY DESIGN TIPS

This section contains case study and design advice which may assist your assessment and design thinking.


THE FOOTPRINT COMPANY
BUILDING SOLUTIONS FOR ONE PLANET
Change Password | Logout
Search
GO
HOME | USER GUIDES & STANDARDS | CASE STUDY DESIGN TIPS | MATERIALS LIBRARY | HELP & FAQS
THE FOOTPRINT CALCULATORS
Case Study & Design Advice
In this section you will find case studies and design guides which may assist your assessment and design thinking. Refer to the Materials Library for specific materials of interest.
Adam's Brewery Case Study
BedZed Materials Tool Kit
Aurora Case Study
Brick Footprint Guide

9 SEARCHING THE SITE

To search the Library (and the entire website) type your search term/keywords into the Search bar in the top right of the page and then click the 'Go' button.


THE FOOTPRINT COMPANY
BUILDING SOLUTIONS FOR ONE PLANET
Change Password | Logout
electricity
GO
HOME | USER GUIDES & STANDARDS | CASE STUDY DESIGN TIPS | MATERIALS LIBRARY | HELP & FAQS
THE FOOTPRINT CALCULATORS
Results 1 - 2 of 2 for electricity.
GPT_Operational Fitout Guide 09
You will need to set up your account with your preferred electrical supplier so that your meter can be installed and your electricity switched on. Electrical works within your tenancy must be ...
http://test.gpt.com.au/GPTTreadslightly/Standards/GPT_Operational Fitout Guide 09.pdf
Water Conservation and Labelling
It has been estimated that about 30% of the domestic water used indoors is consumed in the shower, combined with 20% of all the electricity consumed in a typical household. Not only does the use of ...
http://test.gpt.com.au/GPTTreadslightly/LibraryFiles/WaterConservation/Water Conservation and Labell
Result Page: 1

Results will then appear in order of relevance. Click on the results to open that Library resource or to be taken to that page.